Electronic Version
Stylesheet Version v1.1.1

Claims

[c1] 1.A rotating electrical machine having a component having a cylindrical surface adapted to face a gap defined by a cooperating cylindrical surface of formed by poles wound with electrical coils, a plurality of plate type, planar permanent magnets spaced around said cylindrical surface, and a bonding agent adhered to said cylindrical surface and surrounding the peripheral edges of said magnets and at least a portion of the sides thereof facing the gap and leaving an area of said sides directly exposed to the gap.

[c2] 2.A rotating electrical machine as set forth in claim 1 wherein the bonding agent covers only the circumferential ends of the magnet sides facing the gap leaving the circumferential center portion thereof exposed.

[c3] 3.A rotating electrical machine as set forth in claim 1 wherein the bonding agent covers only the circumferential center portion of the magnet sides facing the gap leaving the circumferential ends thereof exposed.

[c4] 4.A rotating electrical machine as set forth in claim 1 wherein the sides of the permanent magnets facing the

cylindrical surface are adhesively secured thereto.

[c5] 5.A rotating electrical machine as set forth in claim 4 wherein the sides of the permanent magnets facing the cylindrical surface are positioned in slots formed therein.

[c6] 6.A rotating electrical machine as set forth in claim 4 wherein the bonding agent is formed in a shape having a cylindrical surface facing the gap which cylindrical surface is tangential to the magnet sides facing the gap.

[c7] 7.A rotating electrical machine as set forth in claim 6 wherein the bonding agent covers only the circumferential ends of the magnet sides facing the gap leaving the circumferential center portion thereof exposed.

[c8] 8.A rotating electrical machine as set forth in claim 6 wherein the bonding agent covers only the circumferential center portion of the magnet sides facing the gap leaving the circumferential ends thereof exposed.